We claim:

In a method for separating by sedimentation, red blood cells from a solution including blood and an anticoagulant, the improvement wherein said anticoagulant consists essentially of an inert anticoagulant.

- 2. The method of claim 1 wherein said inert anticoagulant is CPD.
- 3. The method of claim 1 wherein said CPD is mixed with said blood at a ratio of one part CPD and up to fifteen parts blood.
  - 4. The method of claim 1 wherein said inert anticoagulant is heparin.
- 5.) In a method for separating by sedimentation red blood cells from a solution including blood and an anticoagulant, the improvement wherein said anticoagulant consists essentially of an anticoagulant selected from the group consisting of CPD and heparin.
- 6. A method for washing blood comprising the steps of providing said blood with an inert anticoagulant, mixing said blood with a washing solution, and allowing red blood cells to separate from said washing solution by sedimentation.
  - 7. A method according to claim 6 wherein said inert anticoagulant is CPD.
- 8. A method according to claim 7 wherein said washing solution includes a starch solution.
  - 9. A method according to claim 7 wherein said washing solution includes hetastarch.
  - 10. A method according to claim 7 wherein said washing solution is 6% hetastarch.
- 11. A m
  - 11. A method according to claim 6 wherein said inert anticoagulant is heparin.
  - 12. A solution comprising blood, anti-coagulant, and a washing solution, wherein said anticoagulant is selected from the group consisting of CPD and heparin.
    - 13. A solution according to claim 12 wherein said washing solution comprises starch.
    - 14. A solution according to claim 13 wherein said starch is hetastarch.

- 15. A solution consisting essentially of blood, an inert anti-coagulant, and a washing solution.
  - 16. A solution according to claim 15 wherein said inert anticoagulant is CPD.
  - $\Rightarrow$ 
    - 17. A solution according to claim 15 wherein said inert anticoagulant is heparin.
    - 18. A solution according to claim 15 wherein said blood is a sediment layer of blood.
- 19. A solution according to claim 18 wherein said sediment layer contains a majority of the red blood cells of said blood.
- 20. A solution according to claim 19 wherein said sediment layer is about 30-64 Hematocrit.